Serial Number: 10/027,440

Filing Date: December 20, 2001

Title: ALGORITHM FOR WEB SERVICES FULFILLMENT IN A PEER-TO-PEER ENVIRONMENT

Page 2 Dkt: 884.623US1

IN THE CLAIMS

- 1-21. (Cancelled)
- 22. (Original) An apparatus comprising:

a server comprising:

a registry comprising identifications of services and identifications of peers that perform the services; and

a second electronic device to receive a service request from a first electronic device, to fulfill a portion of the service request, to find a third electronic device using the registry server, and to send a remaining portion of the service request to the third electronic device.

- 23. (Original) The apparatus of claim 22, wherein the third electronic device is to fulfill the remaining portion of the service request and to send a response to the second electronic device.
- 24. (Original) The apparatus of claim 23, wherein the third electronic device is to fulfill the remaining portion of the service request by itself.
- 25. (Original) The apparatus of claim 23, wherein the third electronic device is to use a fourth electronic device to fulfill the remaining portion of the service request.
- 26. (Previously Presented) A method comprising:

receiving a service request;

fulfilling a portion of the service request;

sending a registry request to a registry server, the registry server comprising a registry, the registry further comprising identifications of services and identifications of peers that perform the services;

receiving a response to the registry request, wherein the response includes a plurality of peers;

Page 3 Dkt: 884.623US1

Serial Number: 10/027,440

Filing Date: December 20, 2001

Title: ALGORITHM FOR WEB SERVICES FULFILLMENT IN A PEER-TO-PEER ENVIRONMENT

choosing a peer from the plurality of peers in the response; and requesting a remaining portion of the service request from the peer.

- 27. (Previously Presented) The method of claim 26, wherein choosing the peer includes choosing the peer based on geography.
- 28. (Previously Presented) The method of claim 26, wherein choosing the peer includes choosing the peer based on price.
- 29. (Previously Presented) A machine readable medium having machine executable instructions contained therein, which when executed perform the following operations:

receiving a service request;

fulfilling a portion of the service request;

sending a registry request to a registry server, the registry server comprising a registry, the registry further comprising identifications of services and identifications of peers that perform the services;

receiving a response to the registry request, wherein the response includes a plurality of peers;

choosing a peer from the plurality of peers in the response; and requesting a remaining portion of the service request from the peer.

- 30. (Previously Presented) The machine readable medium of claim 29, wherein choosing the peer includes choosing the peer based on geography.
- 31. (Previously Presented) The machine readable medium of claim 39, wherein choosing the peer includes choosing the peer based on price.
- 32. (Previously Presented) A system comprising: a server comprising:

a registry comprising identifications of services and identifications of peers that

Serial Number: 10/027,440

Filing Date: December 20, 2001

Title: ALGORITHM FOR WEB SERVICES FULFILLMENT IN A PEER-TO-PEER ENVIRONMENT

perform the services; and

a network adapter; and

a second electronic device to receive a service request from a first electronic device, to fulfill a portion of the service request, to find a third electronic device using the registry server, and to send a remaining portion of the service request to the third electronic device.

- 33. (Previously Presented) The system of claim 32, wherein the third electronic device is to fulfill the remaining portion of the service request and to send a response to the second electronic device.
- 34. (Previously Presented) The system of claim 33, wherein the third electronic device is to fulfill the remaining portion of the service request by itself.
- 35. (Previously Presented) The system of claim 33, wherein the third electronic device is to use a fourth electronic device to fulfill the remaining portion of the service request.